

In place of PTO-1449 Form		U. S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/684,120
				Filing Date	October 10, 2003
				Applicant(s)	Christof Baur, et al.
				Art Unit	2881
				Examiner Name	Jack I. Berman
SHEET 1 OF 2				Attorney/Docket Number	34003.55

U.S. PATENT DOCUMENTS				
Examiner's Initials	Cite No.	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document
JIB	A1	5,144,148	09/01/1992	Donald M. Eigler

OTHER PRIOR ART				
Examiner's Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item, date, page(s), volume, issue number(s), publisher, city/country, where published.		
JIB	A2	M.T. CUBERES, R.R. SCHLITTLER, J.K. GIMZEWSKI; Manipulation of C ₆₀ molecules on Cu(111) surfaces using a scanning tunneling microscope; Appl. Phys. A 66, S669-S673 (1998)		
JIB	A3	J.T. LI, W.D. SCHNEIDER, R. BERNDT; Low-temperature manipulation of Ag atoms and clusters on a Ag (110) surface; Appl. Phys. A 66, S675-S678 (1998)		
JIB	A4	M.T. CUBERES, R.R. SCHLITTLER, J.K. GIMZEWSKI; Supramolecular assembly of individual C ₆₀ molecules on a monolayer of 4, 4'-dimethylbianthrone molecules; Appl. Phys. A 66, S745-S748 (1998)		
JIB	A5	T. SHIMIZU, J.T. KIM, H. TOKUMOTO; Tungsten silicide formation on an STM tip during atom manipulation; Appl. Phys. A 66, S771-S775 (1998)		
JIB	A6	G. MEYER, L. BARTELS, S. ZÖPHEL, K.H. RIEDER; Lateral manipulation of adatoms and native substrate atoms with the low-temperature scanning tunneling microscope; Appl. Phys. A 68, 125-129 (1999)		
JIB	A7	X. HU, P. VON BLANCKENHAGEN; Nano-scale metal cluster deposition using STM; Appl. Phys. A 68, 137-143 (1999)		
JIB	A8	A.A.G. REQUICHA, S. MELTZER, R. RESCH, D. LEWIS, B.E. KOEL, M.E. THOMPSON; Layered nanoassembly of three-dimensional structures; Laboratory for Molecular Robotics, University of Southern California		
JIB	A9	J.W. LYDING, G.C. ABEIN, T.C. SHEN, C. WANG, J.R. TUCKER; Nanometer scale patterning and oxidation of silicon surfaces with an ultrahigh vacuum scanning tunneling microscope; J. Vac. Sci. Technol. B 12(6), Nov/Dec 1994, pp. 3735-3740		
JIB	A10	G.C. ABEIN, M.C. HERSAM, D.S. THOMPSON, S.T. HWANG, H. CHOI, J.S. MOORE, AND J.W. LYDING; Approaches to nanofabrication on Si(100) surfaces: Selective area chemical vapor deposition of metals and selective chemisorption of organic molecules; J. Vac. Sci. Technol. B 16(6), Nov/Dec 1998, pp. 3874-3878		
JIB	A11	R. RESCH, C. BAUR, A. BUGACOV, B.E. KOEL, A. MADHUKAR, A.A.G. REQUICHA, P. WILL; Building and manipulating three-dimensional and linked two-dimensional structures of nanoparticles using scanning force microscopy; Langmuir The ACS Journal of Surfaces and Colloids, November 10, 1998, Vol. 14, No. 23		
JIB	A12	J.S. FOSTER, J.E. FROMMER, P.C. ARNETT; Molecular manipulation using a tunneling microscope; IBM Research Division, Almaden Research Center, San Jose, California; Nature Vol. 331, January 28, 1988, pp. 324-326		
JIB	A13	G. DUJARDIN, A. MAYNE, O. ROBERT, F. ROSE, C. JOACHIM, H. TANG; Vertical manipulation of individual atoms by a direct STM tip-surface contact on Ge(111); Physical Review Letters, Vol. 80, No. 14, April 6, 1998, pp. 3085-3088		

Examiner Signature	Jack Berman	Date Considered	4/4/2005
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

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